

■

We Claim,

1. A water filter, comprising:

a body portion having an opening;

a water filter assembly adapted to reside in said body portion;

a face portion, said face portion and body portion enclosing said water filter assembly;

wherein said water filter assembly is comprised of a recess for accepting a pivotable element, said pivotable element operatively connected to a threaded inlet, for accepting water;

wherein said threaded inlet is positioned outside said body portion when said water filter assembly resides in said body portion.

2. A water filter according to claim 1, wherein said face portion is comprised of a plurality of exit openings for passing water out of said water filter.

3. A water filter according to claim 1, wherein said body portion and face portion are adapted with matching threads allowing said body portion and said face portion to be releasably coupled together to form a showerhead.

4. A water filter according to claim 1, wherein said water filter assembly is adapted with at least one opening in said recess for accepting water into said water filter assembly and wherein said pivotable element is comprised of at least one opening for allowing water to exit into said at least one opening in said recess.

5. A water filter according to claim 4, further comprising an sealing ring in said recess for preventing water leakage.
6. A water filter according to claim 1, wherein said recess is further comprised of an annular opening formed in part by a plurality of flexible side portions.
7. A water filter according to claim 6, wherein said flexible side portions releasably retain said pivotable element.
8. A water filter according to claim 1, wherein said water filter assembly is further comprised of an exit end having at least one opening for allowing water to exit said water filter assembly.
9. A water filter according to claim 8, wherein said body portion and said face portion are adapted with matching threads allowing said body portion and said face portion to be releasably coupled together to form a showerhead and wherein said face portion is comprised of a plurality of exit openings for passing water out of said showerhead.
10. A water filter according to claim 9, wherein said exit end of said water filter assembly is releasably connected to said face portion and wherein said water exiting said exit end of said water filter flows out of said plurality of exit openings in said face portion.
11. A water filter according to claim 1, wherein said water filter assembly is disposable.

12. A water filter assembly according to claim 11, wherein said water filter assembly is disposable after removing said water filter assembly from said body portion and after removing said pivotable element from said recess.

13. A water filter according to claim 1, wherein said pivotable element is a ball joint.

14. A showerhead water filter, comprising:

a body portion having an opening;

a face portion releasably coupled to said body portion, wherein said face portion is comprised of a plurality of exit openings for passing water out of said water filter, and wherein said body portion and said face portion are coupled to form a showerhead;

a water filter assembly adapted to reside in said body portion, wherein said water filter assembly is comprised of a recess for accepting a pivotable element, said pivotable element operatively connected to a threaded inlet, wherein said threaded inlet has an inlet passage for accepting water.

15. A showerhead water filter according to claim 14, wherein said recess is formed from a plurality of flexible flanges arranged in an annular formation, wherein said flanges releasably retain said pivotable element.

16. A showerhead water filter according to claim 14, wherein said threaded inlet is positioned outside said body portion when said water filter assembly resides in said body portion.

17. A showerhead water filter according to claim 14, wherein said water filter assembly is held completely within said body portion.

18. A showerhead water filter according to claim 14 wherein said body portion comprises about 80 percent of the axial length of said showerhead and wherein said face portion comprises approximately 20 percent of the axial length of said showerhead.

19. A showerhead filter according to claim 14 wherein said water filter assembly is comprised of a plurality of larger openings and smaller openings for allowing water passage through said water filter assembly.

20. A showerhead filter according to claim 29, wherein said smaller openings are located below said pivotable element for allowing water to flow into a center portion of said water filter assembly.

21. A water filter, comprising:

a body portion having an opening;

a water filter assembly adapted to reside in said body portion, wherein said water filter assembly is comprised of a recess for accepting a pivotable element, said pivotable element operatively connected to a threaded inlet, wherein said threaded inlet has an inlet passage for accepting water;

a face portion having a plurality of exit openings for allowing water to exit said water filter.

22. A water filter according to claim 21, wherein said face portion is releasably coupled to said body portion, wherein said face portion is comprised of a plurality of exit openings for passing water out of said water filter, and wherein said body portion and said face portion are coupled to form a showerhead.

23. A water filter according to claim 21, wherein said pivotable element is releasably coupled to said recess wherein said threaded inlet portion lies outside said body portion and is operatively attached to a water pipe.